ADDENDUM NO. 1

NOTICE is hereby given to prospective Bidders of the following information, clarifications, and modifications to the Bidding Documents. The Bidding Documents remain unchanged except for modifications specifically indicated under Modifications. Bidders must acknowledge receipt of this Addendum in the Bid Form and comply with the requirements for submission of Bids as set forth in the Bidding Documents.

INFORMATION

The answers below are provided in response to questions and comments submitted by prospective Bidders.

Will permit fees be waived for Electrical?

Answer: In accordance with Section 00 73 10, SC-6.08 Permits, "All permit fees will be waived by the Town of Tewksbury, MA."

Is this bid to be submitted in-person or electrically?

Answer: In accordance with Section 00 11 16, "**Sealed Bids** will be received until 11:00 a.m. local time on ~~February 19~~March 12, 2025, by Owner at the Department of Public Works, 999 Whipple Road, Tewksbury, MA 01876 Attention: Andrew Stack, Town Engineer." See requirements in Section 00 21 13 for submission of Bids.

See modifications to key bidding dates in Section 00 11 16 and 00 21 13 included in this addendum.

Note 8 on plan M-101 mentions repairing "damaged concrete". Can a number of square feet of concrete repair be specified so all bidders are on the same page? There is no way to ascertain the level of effort on this item through an on site inspection or from the plans & specs.

Answer: These concrete repairs are intended to refer to damages caused by the Contractor during prosecution of the Work. See modification to the note on Drawing M-101 included in this Addendum.

MODIFICATIONS

NOTICE is hereby given that the Bidding Documents have been modified as follows.

Individual replacement pages are issued herewith, have an Issue Date of February 12, 2025, contain reference to "ADDENDUM NO. 1" in the footer, and text changes identified by double-underline for additions and ~~Strikeout~~ for deletions.

Replacement pages (with text changes shown)	Pages with revised page endings / revised page numbers
00 11 16-1	
00 21 13-5	
01 15 30-7	01 15 30-8 and 9
43 25 10-6	

Drawings are hereby modified as follows. Replacement pages/sheets are not being issued.

Drawing modifications are identified in the following table and text changes are identified by double-underline for additions and ~~strikeout~~ for deletions.

Drawing No./ Sheet No.	Modifications
M-101	8. ANY DAMAGED CONCRETE BY CONTRACTOR DURING PROSECUTION OF THE WORK SHALL BE REPAIRED PRIOR TO INSTALLATION OF NEW EQUIPMENT IN ACCORDANCE WITH SECTION 03 01 05.

This Addendum and items listed above are provided to Bidders in Portable Document Format (.PDF) posted on the Owner's website as indicated in the Invitation to Bid and will be available for examination at the Issuing Office. It is each Bidder's responsibility to check the website for Addenda per the Instructions to Bidders.

Prepared by Woodard & Curran (Engineer) on behalf of Owner:

Town of Tewksbury, MA

REPLACEMENT PAGES

SECTION 00 11 16

INVITATION TO BID

Town of Tewksbury, MA (Owner) invites Bidders to submit sealed Bids for Devonshire Road Pump Station Improvements, which includes: demolition, replacement, and installation of a backup electrical generator, two submersible chopper pumps, pump mounting equipment, instrumentation, control panels, electrical enclosures, concrete slabs; and all materials and equipment, construction, and services inherent to the Work.

The Work shall be substantially complete within **400 calendar days** from the commencement of Contract Time and completed and ready for final payment within **430 calendar days** from the commencement of Contract Time.

The Project being bid is subject to Massachusetts General Laws, Chapter 30, Section 39M.

Bidding Documents **may be obtained on or after January 23, 2025, at 10:00 a.m.** electronically at no cost by registering at https://www.accentblueprints.com/projects/public (Current Projects - Public Projects) and following the prompts to register/login and obtain a free downloadable set of Bidding Documents. Contact information is included on the website for distribution questions**.**

Bidding Documents **may be examined** at Owner's offices **on or after January 23, 2025, at 10:00 a.m.** at the following location, Monday through Friday between 7:00 a.m. – 3:00 p.m.

Town of Tewksbury, MA
Department of Public Works
999 Whipple Road
Tewksbury, MA 01876

A pre-Bid conference will not be held. A Site visit will be held at 11:00 a.m. local time on January 29, 2025, towards the end of Devonshire Road near Rogers Street. Bidders are encouraged to attend.

Sealed Bids will be received until 11:00 a.m. local time on ~~February 19~~ March 12, 2025, by Owner at the Department of Public Works, 999 Whipple Road, Tewksbury, MA 01876, Attention: Andrew Stack, Town Engineer. Bids will then be publicly opened and read aloud. Bids received after the time of announced opening will not be accepted.

Complete sets of Bidding Documents shall be used in preparing Bids; neither Owner nor Engineer assumes any responsibility for errors or misinterpretations resulting from the use of incomplete sets of Bidding Documents, Bidding Documents or any portion thereof provided by third parties, or for modifications to the Bidding Documents not made by official Addenda, including electronic conversion.

5.02 Addenda will be issued to all prospective Bidders of record considered necessary in response to questions arising at the conference as indicated in Article 7. Oral statements may not be relied upon and will not be binding or legally effective.

ARTICLE 6 – SITE AND OTHER AREAS

6.01 The Site is identified in the Bidding Documents. Easements for permanent structures or permanent changes in existing facilities are to be obtained and paid for by Owner unless otherwise provided in the Bidding Documents. All additional lands and access thereto required for temporary construction facilities, construction equipment, or storage of materials and equipment to be incorporated in the Work are to be obtained and paid for by Contractor.

ARTICLE 7 – INTERPRETATIONS AND ADDENDA

7.01 All questions about the meaning or intent of the Bidding Documents are to be submitted to Engineer in writing by email as follows.

Woodard & Curran, Inc.
Jacob Fortin
Email: jfortin@woodardcurran.com
(and a copy to dbrown@woodardcurran.com)

7.02 Interpretations or clarifications considered necessary in response to such questions will be issued by Addenda to all parties recorded as having received the Bidding Documents. **Questions must be received by 3:00 p.m. local time on February ~~5~~ 26, 2025, to be answered. Questions received thereafter may not be answered.** Only answers in the Addenda will be binding. Oral statements, interpretations, and clarifications may not be relied upon and will not be binding or legally effective.

7.03 Addenda may be issued to clarify, correct, or change the Bidding Documents as deemed advisable by Owner or Engineer. Addenda will be posted on the website established for the Bidding Documents in the Invitation to Bid. All parties recorded as having received the Bidding Documents will be notified by email on record that Addenda has been posted on the website along with instructions for accessing the Addenda.

ARTICLE 8 – BID SECURITY

8.01 A Bid must be accompanied by Bid security made payable to Owner in an amount of 5 percent of Bidder's maximum Bid price and in the form of a certified check, treasurer's or cashier's check, or money order, or a Bid bond on or consistent with the form included in the Bidding Documents in Section 00 43 13 issued by a surety meeting the requirements of Paragraphs 5.01 and 5.02 of the General and Supplementary Conditions, if any.

Based on EJCDC C-200. Revised by Woodard & Curran on behalf of and as approved by Owner
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2) For coordination meetings, party requesting coordination meeting to notify other party(s).

d. Review conditions, preparation and procedures, and coordination with related Work.

B. Documentation of Progress

1. Submit preliminary and final Progress Schedules as specified in Paragraphs 2.05 and 2.07 of the Standard General and Supplementary Conditions, if any, or as established in Notice to Proceed.

Number of hardcopies: 0

Submit electronically by email in PDF format.

a. Show complete sequence of construction by activity, identifying Work of separate stages and other logically grouped activities. Indicate the early and late start, early and late finish, float dates, and duration.

b. Indicate estimated percentage of completion for each item of Work at each submission.

c. Indicate dates for fabrication, factory testing, delivery, shipping and field testing, and material and equipment delivery dates, including those furnished by Owner. Coordinate with Schedule of Submittals.

2. Submit revised Progress Schedule on monthly basis and with each Application for Payment, identifying changes since previous version. Coordinate content with Schedule of Values, if any.

3. Documentation of Pre-Construction Conditions, Construction Progress, and Final Conditions

a. Documentation of Pre-Construction Conditions: ~~not required for the Project.~~

1) Submit photographs prior to starting construction to record Site conditions. Ensure existing conditions that might be affected by the Work are clearly recorded. Identify photographs with date, time, orientation and Project identification. Re-take any photograph furnished which, in the opinion of the Engineer, is of poor quality or incomplete at no additional cost to Owner.

2) Format: PDF or JPG format, minimum 300 dpi quality and a minimum resolution of 6.0 megapixels. Identify photographs with date, time, orientation and Project identification.

3) Submit electronically by email in PDF format.

b. Documentation of Construction Progress: not required for the Project.

c. Documentation of Final Conditions: not required for the Project.

4. Reports

a. Submit weekly Safety Reports signed by the Safety Representative.

C. Submittal Procedures

1. Schedule submittals to expedite the Project and coordinate with schedules required by Paragraph 1.03.B above. Deliver each submittal in the quantity and electronic form indicated to Engineer or Owner where required at the addresses specified below. Coordinate submission of related items.

Engineer:

Woodard & Curran
Middlesex Corporate Center, 213 Court St., 4th Floor, Middletown, CT 06457
Attn: Jacob Fortin
Phone: 401-484-7928
Email: jfortin@woodardcurran.com

2. Present submittals in a clear and thorough manner, in English and using English units. Provide space for Contractor, Engineer, and Owner's review stamps. Use sheet size of not less than 8 1/2 by 11 inches and not more than 24 by 36 inches.

3. Revise and resubmit documents as required. Identify all changes made since previous submittal. Distribute copies of reviewed submittals to concerned parties. Instruct parties to promptly report any inability to comply with provisions. Submittals not requested on the submittal schedule may not be recognized or processed.

4. Submit preliminary and final Schedule of Submittals as specified in Article 2 of the Standard General and Supplementary Conditions, if any, or as established in Notice to Proceed. Include all submittals specified in the Standard General and Supplementary Conditions, if any, General Requirements, and other Specification sections.

Number of hardcopies: 0

Submit electronically by email in PDF format.

a. Include description of each submittal, date by which each submittal will be delivered to Engineer and Owner date by which each submittal must be approved to maintain project schedule, and relevant section reference.

b. Allow 15-30 days from receipt of submittal/resubmittal for Engineer review of submittals and possible resubmittal.

5. Shop Drawings and Samples: Submit in accordance with Paragraph 6.17 of the Standard General and Supplementary Conditions, if any, and as follows, and coordinate with the Schedule of Submittals required in subparagraph 4 above.

Number of hardcopies: 0

Submit electronically by email in PDF format.

a. Complete a Submittal Transmittal (Form 00 62 11) as is indicated, numbering each submittal consecutively. Assign resubmittals the same Transmittal number as the original with a suffix of a sequential letter to indicate the resubmittal (e.g. the first resubmittal of submittal 25 would be number 25A.) Include only those documents previously issued under original Submittal Transmittal number in resubmittals. Do not combine new submittals with resubmittals.

b. Attach a Submittal Transmittal to each group of Shop Drawings, manufacturer's literature, equipment data and Samples submitted. Use a sufficient number of Submittal Transmittal forms so that: items on a single Submittal Transmittal form pertain to the same equipment item, Specification section or element of Work; items on a single Submittal Transmittal form are either original submittals or the same number resubmittal; and each Sample is listed on a separate Submittal Transmittal form.

c. Submittals which do not have a fully completed Submittal Transmittal form will be returned along with unreviewed attachments. Returned submittals, even though incomplete, will be counted as a submittal.

d. Submission of any Shop Drawing or Sample bearing Contractor's and Engineer's approval shall constitute a representation to Owner that the requirements of Paragraph 6.17 of the Standard General and Supplementary Conditions, if any, have been fulfilled.

e. Engineer to complete review in accordance with Paragraph 6.17.D. of the Standard General and Supplementary Conditions, if any.

6. Variations: Identify variations from Contract Documents and material and equipment or system limitations which may be detrimental to successful performance of the completed Work and identify reasons therefor in accordance with subparagraph 6.17.C.3 of the Standard General and Supplementary Conditions, if any.

2.02 MANUFACTURERS

A. Keen Pump Company, Inc.

B. Homa Pump Technology

C. Vaughan Company

D. Xylem, Inc.

~~D.~~E. Or equal

2.03 PUMP SIZING AND PERFORMANCE

A. Refer to Pump Schedule for sizing and performance details and requirements for each pump.

2.04 PUMP

A. Type: ASTM A48, Class 30, 35 or 40 single piece gray cast iron volute, non-concentric design with smooth passages sized to pass solids entering impeller.

1. Minimum inlet and discharge size: as specified.

2. Flanged discharge connection: ANSI B16.1 Class 125.

B. Equip volute and impeller with replaceable and adjustable insert or wear rings.

C. Provide 400 or 430 stainless steel grade single-piece motor/pump shaft. Shaft sleeves not acceptable. Maximum deflection at shaft seal within allowable operating range: 0.002-inch.

D. Provide two independent mechanical shaft seal sets not requiring maintenance or adjustment, with stationary and positively driven parts.

1. Contacting sliding surfaces: single-piece tungsten or silicon carbide.

2. Other parts: stainless steel. Design seal springs to avoid contact with pumped fluid.

E. Provide Buna-N O-rings for stationary parts.

F. Provide cable entry seal to ensure watertight, submersible seal up to depth specified, consisting of threaded gland, compressible grommets, and positive stop. Design glands to provide strain relief independent of sealing function.

G. Provide NEC severe service “S”, type SJTO single cable with neoprene jacket for power and instrument conductors. Length: sufficient to reach termination point as shown on Drawings.

H. Hardware: 316 stainless steel.